

**On page 47, please replace the Abstract of the Disclosure with the following rewritten abstract:**

***ABSTRACT OF THE DISCLOSURE***

Human G-protein parathyroid hormone (PTH) receptor polypeptides and DNA (RNA) encoding such polypeptides and a procedure for producing such polypeptides by recombinant techniques is disclosed. Also disclosed are methods for utilizing such polypeptides for identifying antagonists and agonists to such polypeptides and methods of using the agonists and antagonists therapeutically to treat conditions related to the underexpression and overexpression of the PTH receptor ~~receptor~~ polypeptides. Also disclosed are diagnostic methods for detecting a mutation in the PTH receptor ~~receptor~~ nucleic acid sequences and detecting a level of the soluble form of the receptors in a sample derived from a host. Disclosed embodiments of the invention also include antibodies that bind Human G-protein parathyroid hormone (PTH) receptor polypeptides and methods for making and using such antibodies.